

Appln No. 10/789,218
Amdt date July 23, 2007
Reply to Office action of March 23, 2007

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-20 (Cancelled)

21. (Withdrawn) The liquid feed system of claim 20, the positive displacement pump having;

a casing with opposing ends;

an inlet tube at one end of the casing for coupling, in fluid communication, the casing to the at least one tube;

a cylinder connected to the casing, the cylinder including a piston cavity, the piston cavity defined at one end by a cavity wall, the cavity wall having an opening;

a piston slideably positioned in the piston cavity, the piston having a passage and a slot;

a spring positioned within the piston cavity between the piston and the opening in the cavity wall;

a first one-way valve located within the piston cavity between the spring and the cavity wall, the first one-way valve positioned to block liquid flow from the piston cavity through the opening in the cavity wall, while permitting liquid flow from the opening into the piston cavity;

a second one-way valve located within the piston cavity between the piston and the spring, the second one-way valve positioned to block liquid flow from the passage of the piston into the piston cavity, while permitting liquid flow from the piston cavity into the passage; and

a pin fixed in the cylinder and riding in the slot of the piston, the pin permitting sliding of the piston in the piston cavity while limiting the travel of the piston and preventing piston rotation.

22. (Withdrawn) The liquid feed system of claim 20, further comprising:

a mating cap having opposing ends, one end of the mating cap for engaging the nozzle, and the other end of the mating cap coupled, in fluid communication, to the at least one tube.

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23. (Withdrawn) A liquid feed system comprising:
at least one soap or lotion dispenser;
at least one collapsible fluid container containing soap or lotion, the container defining an outlet and having a nozzle extending from the outlet; and
at least one line coupling, in fluid communication, the nozzle of the collapsible fluid container to the at least one soap or lotion dispenser
wherein a first dispenser of the at least one soap or lotion dispenser includes a base and an adapter extending downward from the base, the adapter having an outlet to feed soap or lotion from the collapsible fluid container into the base, a first port and a second port.

24. (Withdrawn) The liquid feed system of claim 23, wherein the one line includes a first tube and a second tube, the first tube coupling, in fluid communication, the nozzle to the first port of the adapter, and the second tube extending, in fluid communication, from the second port of the adapter.

25. (Withdrawn) The liquid feed system of claim 24, wherein the first dispenser includes a manually operable positive displacement pump and each port opens transversely to a pumping axis of the pump.

26. (Withdrawn) The liquid feed system of claim 25, wherein one port is located above the other port.

27. (Withdrawn) The liquid feed system of claim 26, wherein the adapter is a continuous one-piece part.

28-31 (Cancelled)

32. (Withdrawn) The liquid feed system of claim 30, further comprising a container support means for supporting the collapsible fluid container.

33. (Withdrawn) The liquid feed system of claim 32, wherein the nozzle protrudes out a side wall of the container support means.

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34. (Cancelled)

35. (Cancelled)

36. (Withdrawn) The liquid feed system of claim 28, further comprising a conduit strip having opposing ends, a plurality of conduit ridges, and a plurality of conduit channels, the conduit strip connected to the interior surface of the collapsible fluid container, one end of the conduit strip adjacent the outlet and the other end of the conduit strip spaced further away from the outlet than the one end.

37. (Cancelled)

38. (Currently Amended) A liquid feed system comprising:
at least one liquid dispenser having a manually operable positive displacement pump;
a collapsible fluid container having defining an outlet having a nozzle extending from the outlet and configured to collapse as soap or lotion therein is pumped from the outlet by the manually operated positive displacement pump, the collapsible fluid container located at an elevation lower than the elevation of the at least one liquid dispenser; and
at least one line coupling, in fluid communication, the outlet-nozzle of the collapsible fluid container to the at least one soap or lotion dispenser.

39. (Previously Presented) The liquid feed system of claim 38, wherein the outlet of the fluid container is located at a bottom of the fluid container.

40. (Previously presented) The liquid feed system of claim 38, wherein the outlet of the fluid container is located at a lower side portion of the fluid container.